AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

- 1. (currently amended): A thick film electroluminescent light emitting device having a plurality of layers including:
 - a first electrode layer;
- a light emitting layer having <u>a top surface and a bottom surface</u>, and phosphor particles causing protrusions in the top and bottom <u>surfaces of the</u> light emitting layer;
 - at least one other layer including a second electrode layer;
- wherein the first electrode layer and the at least one other layer conform to the protrusions in the light emitting layer.
- 2. (original): The thick film electroluminescent light emitting device of claim 1 wherein the at least one other layer includes an insulating layer and the second electrode layer.
- 3. (original): The thick film electroluminescent light emitting device of claim 2 wherein the insulating layer contains a dielectric material.

- 4. (previously presented): The thick film electroluminescent light emitting device of claim 1 wherein the first and/or second electrode layer transmits light.
- 5. (previously presented): The thick film electroluminescent light emitting device of claim 1 wherein two or less layers of phosphor particles are arranged in the binder matrix.
- 6. (previously presented): The thick film electroluminescent light emitting device of claim 2 wherein the phosphor particles are arranged in an essentially close packed arrangement.
- 7. (currently amended): A method of constructing a thick film electroluminescent device including the steps of:

placing an insulating layer on an electrode layer;

placing a light emitting layer having phosphor particles and a binder matrix onto the insulating layer;

placing a transparent electrode layer onto the light emitting layer;

causing the phosphor particles from the light emitting layer to protrude into the insulating layer and the transparent electrode <u>layer</u>.

8. (currently amended): The method of claim 7 wherein a mechanism for causing the phosphor particles are caused to protrude from the light emitting layer into the insulating layer is by chemical softening of the insulating layer.

- 9. (previously presented): The method of claim 7 wherein the phosphor particles are caused to protrude from the light emitting layer into the insulating layer by heating the binder in the insulating layer above its softening point.
- 10. (previously presented): The method of claim 7 wherein the insulating layer contains a dielectric material.
- 11. (previously presented): The method of claim 7 wherein the dielectric material is Barium Titanate.
- 12. (previously presented): The method of claim 7 wherein the solvent used in the light emitting layer is a solvent for the insulating layer.
- 13. (previously presented): The method of claim 7 wherein the amount of binder to phosphor particles is from approximately 25% binder:75% phosphor particle by dry weight, to approximately 5% binder to 95% phosphor by dry weight.
- 14. (currently amended): A method of constructing a thick film electroluminescent device comprising the steps:

applying a firstan insulating layer to an electrode layer;

providing a light emitting layer including phosphor particles in a binder matrix, the proportion of phosphor particles in the binder matrix being sufficient such that when solidified, a proportion of the phosphor particles cause protrusions in the a top surface and a bottom surface of the light emitting layer;

applying the light emitting layer to the insulating layer; and applying a second electrode layer;

wherein the insulating layer is heated above its softening temperature to cause the phosphor particles to move into the insulating layer.

- 15. (original): The method of claim 14 wherein the light emitting layer has a binder to phosphor ratio such that when dried, the phosphor particles protrude from the light emitting layer.
- 16. (currently amended): The method of claim 14 wherein the amount of binder to phosphor particles is from approximately 25% binder:75% phosphor particle by dry weight, to approximately 5% binder to 95% phosphor by dry weight.
- 17. (currently amended): A method of constructing a thick film electroluminescent device comprising the steps:

applying a firstan insulating layer to an electrode layer;

providing a light emitting layer including phosphor particles in a binder matrix, the proportion of phosphor particles in the binder matrix being sufficient such that when solidified, a proportion of the phosphor particles cause protrusions in a top surface and a bottom surface of the light emitting layer;

applying the light emitting layer to the insulating layer; and

heating the insulating layer above its softening temperature to cause the phosphor particles to move into the insulating layer;

then applying a second electrode layer.